

14A5
14A7
14B6



14A5 BEAM POWER AMPLIFIER

(continued from preceding page)

Typical Operation and Characteristics:

Plate Voltage.	250	..	volts
Grid-No.2 Voltage.	250	..	volts
Grid-No.1 (Control-Grid) Voltage.	-12.5	..	volts
Cathode-Bias Resistor.	370	..	ohms
Peak AF Grid-No.1 Voltage.	12.5	..	volts
Zero-Signal Plate Current.	30	..	ma
Max.-Signal Plate Current.	32	..	ma
Zero-Signal Grid-No.2 Current.	3.5	..	ma
Max.-Signal Grid-No.2 Current.	5.5	..	ma
Plate Resistance (Approx.)	70000	..	ohms
Transconductance	3000	..	μmhos
Load Resistance.	7500	..	ohms
Total Harmonic Distortion.	7	..	%
Max.-Sig. Power Output	2.8	..	watts

Maximum Circuit Values (for maximum rated conditions):

Grid-No.1-Circuit Resistance:

For fixed bias	0.1	..	megohm
For cathode bias	0.5	..	megohm

14A7 REMOTE-CUTOFF PENTODE

Heater, for Unipotential Cathode:

Voltage.	12.6 [□]	..	ac or dc volts
Current.	0.15 ^{□□}	..	amp

The 14A7 is the same as the 7A7 except for heater rating.

[□] Nominal voltage = 14.0 volts.

^{□□} Nominal current = 0.16 ampere.

14B6 TWIN DIODE—HIGH-MU TRIODE

Heater, for Unipotential Cathode:

Voltage.	12.6 [□]	..	ac or dc volts
Current.	0.15 ^{□□}	..	amp

The 14B6 is the same as the 7B6 except for heater rating.

[□] Nominal voltage = 14.0 volts.

^{□□} Nominal current = 0.16 ampere.